

Introducing

Be@rPaw 1200



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Welcome



Welcome to the Wonderful World of the BearPaw scanner. With BearPaw, all the things you previously did with your scanner will be easier and faster, and what you've always wanted to do is now possible.

This booklet introduces you to the BearPaw scanner and gets you up and running quickly. It shows you how to do the most common tasks, provides you with tips, and points you to some of the fun and exciting new features that come with your BearPaw scanner.

If you want to explore the BearPaw scanner in more depth or learn about some of the more technical aspects of BearPaw, the first topic in this section, "Getting Help," points you to other sources of information.

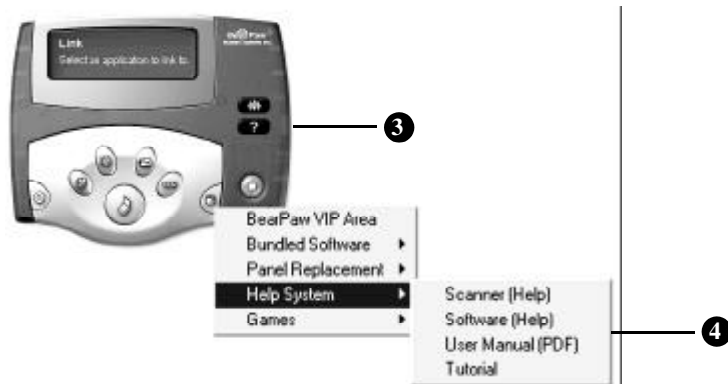
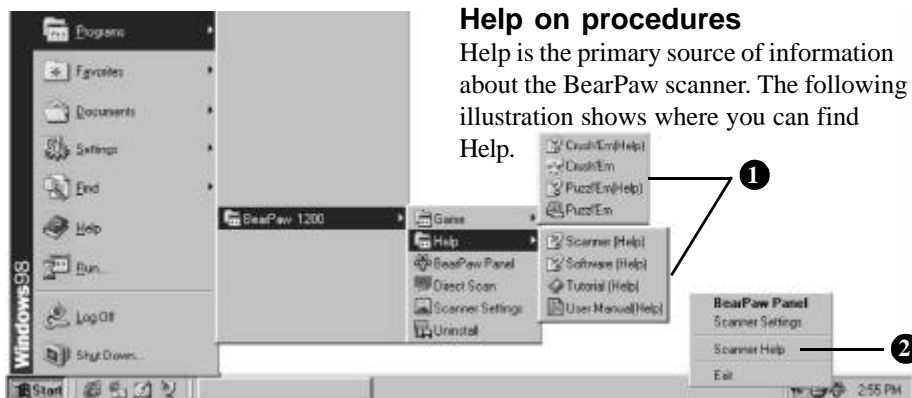


IMPORTANT

To maximize your overall BearPaw experience, we have designated the following application softwares for the different scanner functions of the **BearPaw Software** and **Scanner Panel** thereby eliminating the need to use others:

- **SCAN**– Photo Express™ 3.0 compatible only
- **FAX**– only compatible with Mustek® fax utility software provided when you installed the software drivers
- **OCR**– TextBridge™ OCR compatible only
- **EMAIL** – at least Microsoft® Internet Explorer 4.0 OR Netscape® Communicator 4.5 OR Lotus cc:Mail 8.2 compatible only. Make sure to setup properly your email program. Refer to the documentation that came with your email program or consult your system administrator if any problem exists.

Getting Help



Help on procedures

Help is the primary source of information about the BearPaw scanner. The following illustration shows where you can find Help.

There are various ways of obtaining troubleshooting and customer care information.

1. Click on **Start** on your Windows® taskbar, then **Programs** to select your scanner model. Click on **Help System**, or
2. Select **Scanner Help** on the Direct Scan icon of your Windows® taskbar, or
3. Click on the **Help** button found in the BearPaw Panel, or
4. Click on the **Link** button, then **Help System**.

Help is also available at

<http://www.mustek.com.tw>

<http://www.mustek-europe.com>

<http://www.mustek.com>



Unpacking the Scanner

Unpack the package and inspect the items closely to make sure no item is damaged. The package should include:

- The Scanner
- Power Adapter
- BearPaw Scanner User's Guide
- Installation CD
- Scanning Utilities Manual (either included in the Installation CD or printed separately)

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Installing Drivers



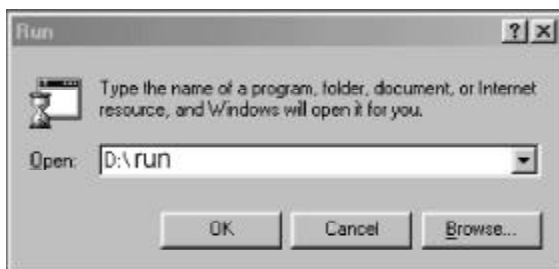
Please complete the software drivers installation before installing the scanner. Do not connect the power adapter to the scanner at this stage.

1. Insert the Driver Installation CD into your disk drive.
2. Follow all on screen instructions.



If, after inserting the Driver Installation CD into your disk drive, the Driver Installation Welcome screen does not appear, do the following:

1. Click on **Start** and select **Run**.
2. In the **Run** dialog box, type **drive:\run** where drive is your CD-ROM drive and click **OK**.





When you are presented with the option of whether to restart Windows® after completing the software drivers installation please choose **Yes**.

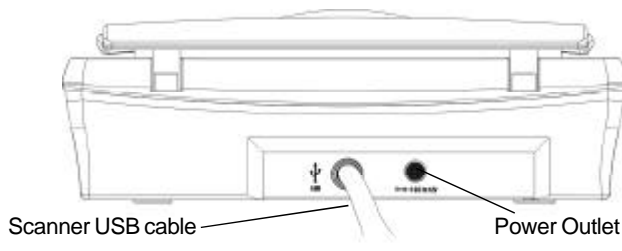
The Scanner Parts



Installing Hardware

Refer to the following illustration and steps to connect your scanner:

1. With the power to your PC on, connect the scanner's USB cable to the USB port of your PC.
 2. Connect the power adapter to the scanner and plug it into an appropriate power outlet.
- Upon connecting the power adapter, the Windows® operating system would automatically detect your scanner and update your system configuration.

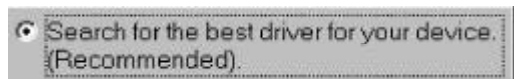


▶ Just in Case it Happens

Upon installing the software drivers and connecting the power adapter if the **Add New Hardware Wizard** dialog box appears, perform the following steps:



1. Click on the **Next** button.
2. On the next screen select the following option and go into the Win98 directory of your installation CD.

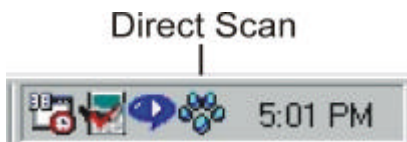


3. Click on the **OK** button and on the next screen Windows® will confirm that it has found the driver for your scanner.
4. Click the **Finish** button to exit.

Using the Scanner Buttons on the Control Panel



Make sure that the **Direct Scan** is **enabled** (shown) on your Windows® taskbar in order for the scanner buttons to work. If in case **Direct Scan** is **disabled** and user wants to **enable** it, perform the following:



1. Click on **Start** on your Windows® taskbar.
2. Click on **Programs** and select your **Scanner Model**.
3. Click on **Direct Scan**.

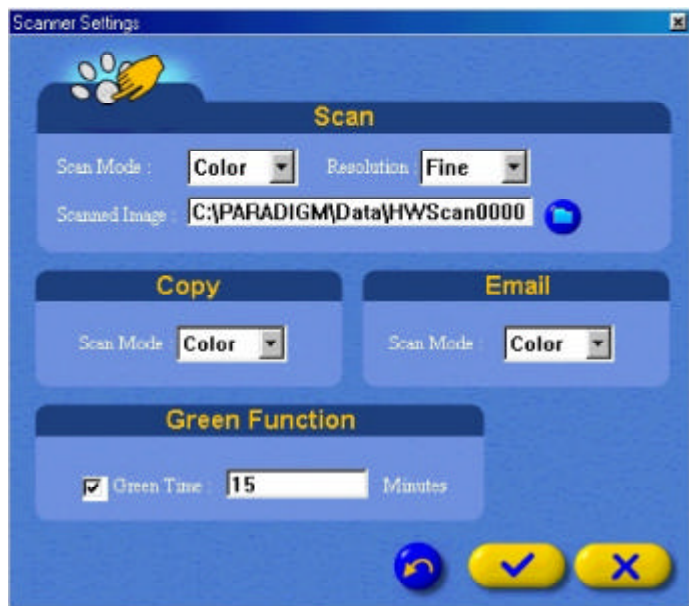
Scanner Hardware Buttons Settings

Upon right-clicking the **Direct Scan** icon located on your Windows® taskbar, the following menu appears:



Click on **Scanner Settings** and the following appears allowing you to make changes to your scanner's control panel buttons' settings.

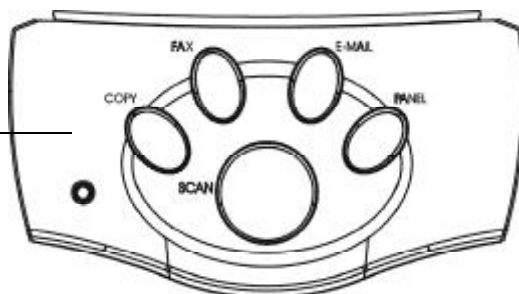




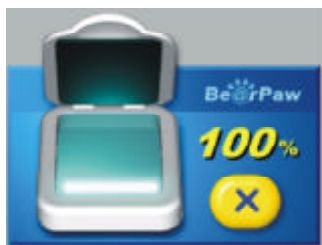
Scanner (non-changeable) Default Settings

SCAN	Scan Size	Auto Crop
	File Format	BMP type
EMAIL	Scan Size	Auto Crop
	Scan Resolution	200 dpi (color/gray) 300 dpi (line art)
	Compression Format	JPEG
COPY	Scan Size	Auto Crop
	Scan Resolution (dpi)	300 dpi

Advanced performance with fast, five-button operation right at your finger tips namely:



► Scan



To perform a scan, do the following:

1. Place the document with the image you want to scan face down on your scanner window glass.
2. Press the **SCAN** button. Screen display will show scanning progress. Upon attaining 100%, your system will automatically load **Photo Express™**.

To enhance your overall BearPaw experience this function was designed to work with Photo Express™ 3.0 only.

► Copy

To perform a copy, do the following:

1. Place the document with the image you want to copy face down on your scanner window glass.
2. Press the **COPY** button. Screen display will show copying progress. Upon attaining 100%, your system will automatically send your image to your printer for printing.



Make sure that your printer is connected properly and turned on. This function can only printout one copy at a time. To make multiple copies, use the **COPY** button located on the BearPaw Panel.



To perform a fax, do the following:

1. Place the document with the image you want to fax face down on your scanner window glass.
2. Press the **FAX** button. After scanning, fax console will appear on screen.



3. Click on the number you want to dial or click on the phone book icon to open your telephone directory to select the number to dial.
4. Click on the dial button. If in case line is busy system will redial and LED panel will show the current status.



To enhance your overall BearPaw experience, this function was designed to work only with the Mustek® fax utility software provided when you installed the software drivers.

Make sure you have a valid fax modem connection.

In case your fax modem is connected to a PBX (Private Branch Exchange) system, first dial the number to get an outside line before dialing the telephone number (e.g., 0 then 1234567).

Email

To perform an email, do the following:

1. Place the document with the image you want to email as an attachment face down on your scanner window glass.
2. Press the **EMAIL** button. Screen display will show emailing progress. Upon attaining 100%, your system will automatically load your default email program and place your scanned image as a JPEG file format attachment.



To maximize your overall BearPaw experience, this function was designed to work only with at least Microsoft® Internet Explorer 4.0 OR Netscape® Communicator 4.5 OR Lotus cc:Mail 8.2. Make sure to setup properly your email program. Refer to the documentation that came with your email program or consult your system administrator if any problem exists.

BearPaw Panel



To use the **BearPaw Panel**, press the **PANEL** button and **BearPaw Panel** will appear on screen.



If you should press any scanner button when **BearPaw Panel** is open, then **BearPaw Panel** will be hidden from view and scanner button function operates as usual.



BearPaw Panel Settings

Clicking on the **Settings** button located on the BearPaw Panel will show the following screen allowing you to make changes to your BearPaw Panel settings.



BearPaw Panel (non-changeable) Default Settings

SCAN	Scan Size	Auto Crop
	File Format	BMP type
OCR	Scan Size	Auto Crop
	Scan Resolution	300 dpi
	File Format	DOC
EMAIL	Scan Size	Auto Crop
	Scan Resolution	200 dpi (color/gray) 300 dpi (line art)
	Compression Format	JPEG



Scan

To perform a scan, do the following:

1. Place the document with the image you want to scan face down on your scanner window glass.
2. Click on the **Scan** button. **Status and Progress Bar** area will show scanning progress. Upon completion, your system will automatically load **Photo Express™**.



Note

To enhance your overall BearPaw experience this function was designed to work with Photo Express™ 3.0 only.



Copy

To perform a copy, do the following:

1. Place the document with the image you want to copy face down on your scanner window glass.
2. Click on the **Copy** button and the following will appear on screen.

Click anywhere on the screen and use the Plus (+) and Minus (–) button to change its value OR

Click on this key to bring out the Copy Panel Settings screen

Copy button



3. Make any necessary selection under **Mode**, **Scaling**, and **Number of Copies** (printout).
4. Click on the **Copy** button and **Status and Progress Area** will show copying progress. Upon completion, your system will automatically send your image to your printer for printing.





Fax

To perform a fax, do the following:

1. Place the document with the image you want to fax face down on your scanner window glass.
2. Click on the **Fax** button. After scanning, fax console will appear on screen.

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3. Click on the number you want to dial or click on the phone book icon to open your telephone directory to select the number to dial.
4. Click on the dial button. If in case line is busy system will redial and LED panel will show the current status.



To enhance your overall BearPaw experience, this function was designed to work only with the Mustek® fax utility software provided when you installed the software drivers.

Make sure you have a valid fax modem connection.

In case your fax modem is connected to a PBX (Private Branch Exchange) system, first dial the number to get an outside line before dialing the telephone number (e.g., 0 then 1234567).



Email

To perform an email, do the following:

1. Place the document with the image you want to email as an attachment face down on your scanner window glass.
2. Click on the **Email** button. **Status and Progress Bar** area will show emailing progress. Upon completion, your system will automatically load your default email program and place your scanned image as a JPEG file format attachment.



Note

To set your default email program, refer to the section **BearPaw Panel Settings**.

To maximize your overall BearPaw experience, this function was designed to work only with at least Microsoft® Internet Explorer 4.0 OR Netscape® Communicator 4.5 OR Lotus cc:Mail 8.2.

Make sure to setup properly your email program. Refer to the documentation that came with your email program or consult your system administrator if any problem exists.



OCR

To perform an OCR (Optical Character Recognition), do the following:

1. Place the document with the images/characters you want recognized face down on your scanner window glass.
2. Click on the **OCR** button and the Status and Progress Bar area will show OCR progress. Upon completion, your system will automatically load your default word processing program and place your scanned document on screen with a DOC file format.



Note

To enhance your overall BearPaw experience, this function was designed to work only with TextBridge™ OCR.

Your default word processing program would depend on the application software installed in your computer.





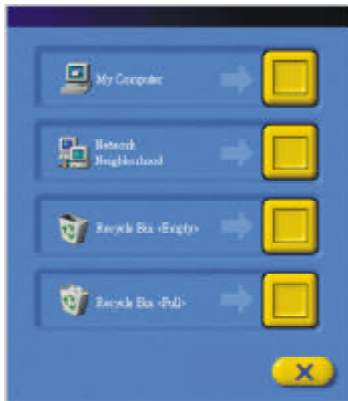
Personal Style

Allows you to make changes to your system's **startup screen, wallpaper, system logo, icons, cursor, screen saver, shutdown screen**, or even **recover** the default settings to the above mentioned items, by doing the following:

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To change the **startup screen, wallpaper, system logo, icon, screen saver, or shutdown screen**:

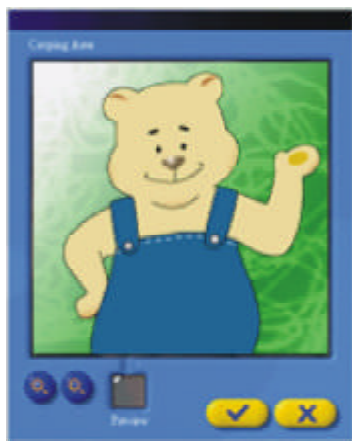
1. Place the document with the image you want to scan face down on your scanner window glass.
2. Click on the **Personal Style** button and a drop down menu will appear.
3. Click on the item you want changed and the **Status and Progress Bar** area will show its progress. Upon completion, your system will automatically update the system item you want changed.



To change your **My Computer, Network Neighborhood, Recycle Bin** icon (empty and full):

1. Place the document with the image you want to scan face down on your scanner window glass.
2. Click on the **Personal Style** button and a drop down menu will appear.
3. Click on **Icon** and the following screen on the right will appear.
4. Click on the icon you want changed and the **Cropping Area** screen appears.
5. Use the **Magnify** button (+ and -) to zoom in or out and move the cropping marks to your ideal position.
6. Verify on the **Preview** window if the desired image area has been selected.
7. Click on the **Checkmark** button and your system will automatically update the system icon you want changed. System will revert back to the icon selection screen. To exit, click on the "X" mark button or continue changing another icon.





To change your Windows® **cursor**:

1. Place the document with the image you want to scan face down on your scanner window glass.
2. Click on the **Personal Style** button and a drop down menu will appear.
3. Click on **Cursor** and the **Status and Progress Bar** area will show its progress. Upon completion the following screen will appear.
4. Use the **Magnify** button (+ or -) to zoom in or out and move the cropping marks to your ideal position.
5. Verify on the **Preview** window if the desired image area has been selected.
6. Click on the **Checkmark** button and your system will automatically update your Windows® cursor.

To use the **Recover** feature:



The **startup screen**, **system logo**, **icons** [My Computer, Network Neighborhood, Recycle Bin (empty and full)], **cursor**, and **shutdown screen** can be changed to the Windows® default setting.

1. Click on the **Personal Style** button and a drop down menu will appear.
2. Click on **Recover** and another drop down menu will appear.
3. Click on the item you want recovered to the Windows® default. The **Status and Progress Bar** area will show its progress. Upon completion, your system will automatically recover the system item you selected.



Wallpaper and **screen saver** cannot be recovered to the Windows® default setting using this method.



Personal Style (non-changeable) Default Settings

STARTUP SCREEN	72 dpi	320 x 400 output
WALLPAPER	150 dpi	screen size output
SYSTEM LOGO	72 dpi	180 x 105 output
ICON	150 dpi	72 x 72 output
CURSOR	150 dpi	32 x 32 output
SCREEN SAVER	72 dpi	original size output
SHUTDOWN SCREEN	72 dpi	320 x 400 output



All images are scanned in color mode.



Link

To use the additional programs bundled with your scanner, click on the **Link** button and the following items appear:

1. **BearPaw VIP Area** – allows you to connect directly with our website for the latest enhancement to your overall BearPaw experience.
2. **Bundled Software** – additional programs bundled with your scanner to enhance your image editing prowess.
3. **Panel Replacement** – allows you to change your existing BearPaw Panel with a new one.
4. **Help System** – contains invaluable aids in helping you gain a better understanding of the different features and functions of your scanner.
5. **Games** – these interactive games allow you to use your own scanned images to create personalized images for more scanning fun and enjoyment.

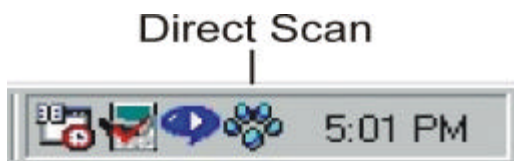
Other Setting

Green Function

Allows you to set the period of inactivity (1 to 20 minutes) before the lamp inside the scanner shuts down, thereby prolonging lamp life.



Make sure that the **Direct Scan** is **enabled** (shown) on your Windows® taskbar in order for the scanner buttons to work. If in case **Direct Scan** is **disabled** and user wants to **enable** it, perform the following:



1. Click on **Start** on your Windows® taskbar.
2. Click on **Programs** and select your **Scanner Model**.
3. Click on **Direct Scan**.

Upon right-clicking the **Direct Scan** icon located on your Windows® taskbar, the following menu appears:



Click on **Scanner Settings** to enable or disable the **Green Function** item on the **Scanner Settings** screen and set the time (period of inactivity).



Using the TWAIN Dialog Box

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There are three separate methods to scan an image namely:

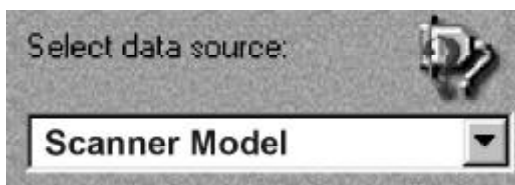
1. Scanner Control Panel SCAN button.
2. BearPaw Panel.
3. TWAIN Dialog box.



Refer to the Scanning Utilities Manual for a description of these to facilitate your use of the scanner; or refer to the on-line manual and help system any time when using the scanner software. This easy-to-use system contains detailed information about the scanner topics and its functions.

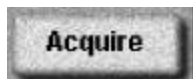
To access the TWAIN Dialog box, you can do the following:

1. Launch the TWAIN-compliant program (e.g. Photo Express™).
2. Under the File menu open the **Acquire** command and choose **Scanner** OR click on the **Get** button then the **Scanner** icon. The **Select**



Data Source dialog box appears.

3. Choose your scanner model from the list.
4. Click on the **Acquire** button. The **Select Data Source** dialog box closes. The TWAIN Dialog box appears.



Specifications

Scanner Type	Color Flatbed
Scan Area	21.6 cm x 29.7 cm (8.5" x 11.7")
Scan Modes:	
True Color	36-bit (Internal), 68.7 billion colors 24-bit (External), 16.7 million colors 48-bit (software enhanced)
Gray Mode	12-bit (Internal), 4096 shades of gray 8-bit (External), 256 shades of gray
Text/Line Art	1 bit/pixel (2 levels)
Scan Method	Single Pass Scanning
Resolution Control:	
Optical	600dpi (H) x 1200dpi (V)
Enhanced	19200dpi x 19200dpi (software controlled)
Scanning Data Buffer	512KB (maximum)
Interface	USB (Universal Serial Bus)
Voltage Requirement	100 ~ 240 Vac, 50 ~ 60 Hz
Power Consumption	15W (12V DC), 1.25A switching power adapter
Operating Temperature	10°C ~ 40°C (50°F ~ 104°F)
Operating Humidity	35% ~ 80% RH, Non-Condensing
Storage Temperature	-10°C ~ 60°C (14°F ~ 140°F)
Storage Humidity	20% ~ 80% RH, Non-Condensing
Dimensions	464 x 290 x 100 mm (L x W x H)
Weight	2.8 Kg

